

II. CLAIM AMENDMENTS

1. (previously presented) A method of arranging transmission of packet-switched data in a packet radio system for a mobile communication device having at least one mobile termination part operatively associated with a terminal equipment part for communication in a packet switched radio network, the method comprising:

activating a first packet data protocol context between said packet radio network and the mobile termination part for reception and transmission of packet-switched data,

storing parameters relating to said first packet data protocol context;

activating a second packet data protocol context between the packet radio network and the mobile termination part to establish a dial-up connection by a link between the terminal equipment part and the mobile terminal part or the terminal equipment part and the packet radio network,

releasing said first packet data protocol context in response to said second packet data protocol context being activated, in order to minimize processor and memory loading and avoid expense,

releasing the dial-up connection,

releasing said second packet data protocol context in response to the dial-up connection being released, and

activating a third packet data protocol context, using said stored parameters relating to said first context, in response to said second packet data protocol

context being released.

2. (previously presented) A method as claimed in claim 1, wherein said first packet data protocol context is activated to the packet radio network when the mobile termination part is attached to the packet radio network in accordance with default parameters stored in advance in the mobile termination part, and

said third packet data protocol context is activated in accordance with the same default parameters.

3. (previously presented) A method as claimed in claim 1, wherein the terminal equipment part and the mobile termination part are physically in different devices, but are connected to allow the transmittal of applications data via the packet radio network, and

said first and said third packet data protocol context are activated for transmission of data from an application stored by the mobile termination part.

4. (currently amended) A method of arranging transmission of packet-switched data in a packet radio system for a mobile communication device having at least one mobile termination part operatively associated with a terminal equipment part for communication in a packet switched radio network, the method comprising:

activating a first packet data protocol context between said packet radio network and the mobile termination part for reception and transmission of packet-switched data,

storing parameters relating to said first packet data protocol context;

activating a second packet data protocol context between the packet radio network and the mobile termination part to establish a dial-up connection by a link between the terminal equipment part and the mobile terminal part or the terminal equipment part and the packet radio network,

releasing said first packet data protocol context in response to said second packet data protocol context being activated, in order to minimize processor and memory loading and avoid expense,

releasing the dial-up connection,

releasing said second packet data protocol context in response to the dial-up connection being released, and

activating a third packet data protocol context, using said stored parameters relating to said first context, in response to said second packet data protocol context being released, and

~~(original) A method as claimed in claim 1,~~

wherein the terminal equipment part and a packet network gateway support node (GGSN) support a PPP protocol (Point to Point Protocol), whereby

said second context is activated for setting up a dial-up connection between the mobile termination part and the GGSN,

a PPP link is set up between the terminal equipment part and the GGSN, and

data associated with an application comprised by the terminal equipment part is transmitted by means of the PPP link and said second context.

5. (original) A method as claimed in claim 1, wherein the terminal equipment part and the mobile termination part support a PPP protocol,

a PPP link is set up between the terminal equipment part and the mobile termination part, and

said second context is activated for data to be transmitted via the PPP link.

6. (original) A method as claimed in claim 1, wherein the packet radio system is GPRS.

7. (previously presented) A mobile station comprising:

a terminal equipment part and a mobile termination part operatively associated to transmit packet switched data in a packet radio system;

a context management entity for activating and deactivating one or more packet data protocol contexts for communication in a packet switched radio network, wherein said mobile station is arranged to:

activate and store parameters relating to a first packet data protocol context between the packet switched radio network and the mobile termination part for reception and transmission of packet-switched data;

activate a second packet data protocol context between the packet radio network and the mobile termination part to establish a dial-up connection of the terminal equipment part by a link between the terminal equipment part and the mobile terminal part or the terminal equipment part and the packet radio network,

release the active first packet data protocol context in response to said

second packet data protocol context being activated, in order to minimize processor and memory loading and avoid expense,

release the dial-up connection;

release said second packet data protocol context in response to the dial-up connection being released, and

activate a third packet data protocol context, using said parameters relating to said stored first context, in response to said second context being released.

8. (previously presented) A mobile station as claimed in claim 7, wherein said context management entity is arranged to:

activate said first packet data protocol context in accordance with default parameters stored in advance in the mobile termination part, and

activate said third packet data protocol context in accordance with the same default parameters.

9. (previously presented) A mobile station as claimed in claim 7, wherein the terminal equipment part and the mobile termination part are physically in different devices, but are connected to allow the transmittal of applications data via the packet radio network,
said context management entity is arranged to activate said second packet data protocol context at the request of the terminal equipment part, and

said context management entity is arranged to activate said first and said third packet data protocol context for the transmission of data from an application

stored by the mobile termination part.

10.(currently amended) A mobile station comprising:

a terminal equipment part and a mobile termination part operatively associated to transmit packet switched data in a packet radio system;

a context management entity for activating and deactivating one or more packet data protocol contexts for communication in a packet switched radio network, wherein said mobile station is arranged to:

_____ activate and store parameters relating to a first packet data protocol context between the packet switched radio network and the mobile termination part for reception and transmission of packet-switched data;

_____ activate a second packet data protocol context between the packet radio network and the mobile termination part to establish a dial-up connection of the terminal equipment part by a link between the terminal equipment part and the mobile terminal part or the terminal equipment part and the packet radio network,

_____ release the active first packet data protocol context in response to said second packet data protocol context being activated, in order to minimize processor and memory loading and avoid expense,

_____ release the dial-up connection;

_____ release said second packet data protocol context in response to the dial-up connection being released, and

activate a third packet data protocol context, using said parameters relating to said stored first context, in response to said second context being released and

~~(previously presented) A mobile station as claimed in claim 7,~~ wherein said second packet data protocol context is activated for transmission of data of the dial-up connection between the terminal equipment part and the mobile termination part or for setting up a dial-up connection between the terminal equipment part and a gateway support node in the packet radio network.

11.(original) A mobile station as claimed in claim 7, wherein

the mobile station is a GPRS mobile station.

12. (previously presented) A wireless telecommunication system comprising:

at least one mobile termination part, a terminal equipment part functionally connected thereto, and a packet radio network, for reception and transmission of packet-switched data;

wherein a first packet data protocol context is arranged between the packet radio network and the mobile termination part for reception and transmission of packet-switched data and wherein parameters relating to said first packet data protocol context is stored,

wherein the mobile station and the packet radio network are arranged to activate a second packet data protocol context to establish a dial-up connection between the packet radio network and the mobile termination part by a link between the terminal equipment part and the mobile terminal part or the terminal equipment part and the packet radio network,

wherein the mobile station and the packet radio network are arranged to release said first packet data protocol context in response to said second packet data protocol context being activated, in order to minimize processor and memory loading and avoid expense,

wherein the mobile station is arranged to release said dial up connection;

wherein the mobile station and the packet radio network are arranged to release said second packet data protocol context in response to the dial-up connection being released, and

wherein the mobile station and the packet radio network are arranged to activate a third packet data protocol context, using parameters relating to said stored first packet data protocol context, in response to said second packet data protocol context being released.